

## Ankitha Sai Venkata

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### WORK EXPERIENCE

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|--|--------------------------|
| <b>Launch Consulting</b>   | <b>Seattle, WA</b>       |
| Data Governance Analyst  | January 2024 - Present   |
| <ul style="list-style-type: none"><li>Performed <b>data modeling</b> and analytics using Python, Generative AI and statistical techniques to deliver a user-friendly executive dashboard on PowerBI to track and forecast sales till 2026</li><li>Implemented <b>governance workflows</b> on Collibra and Azure Purview, and delivered a comparative study on governance tools including Informatica and IBM on metrics such as usability, security and compliance risk ratings</li></ul>  |                          |
| <b>Fortuna Identity</b>  | <b>Nashville, TN</b>     |
| Data Analyst   | July 2021 – April 2022   |
| <ul style="list-style-type: none"><li>Implemented <b>data mining</b> techniques in Python such as Frequent Pattern Growth Mining to improve the Intrusion Detection System (IDS) and reduced the number of false positives, saving 20 man-hours per week</li><li>Worked <b>cross-functionally</b> with the business team and engineering team to conduct market research and designed dashboards for 3 types of stakeholders to visualize performance metrics</li><li>Simulated an <b>ETL data pipeline</b> using R Shiny and developed a GUI to display 10 proposed dashboard</li></ul> |                          |
| <b>Airmeet</b>   | <b>Bangalore, India</b>  |
| Business Analyst and Account Manager   | January 2021 – June 2021 |
| <ul style="list-style-type: none"><li>Handled all 40 clientele in the APAC and MEA regions, managing <b>client relations</b> and \$350K of business</li><li>Harnessed the use of <b>CRM software</b>, Tableau visualizations and Metabase queries to analyze company data and made <b>data-driven decisions</b> on customer expansion, setting \$100K in the pipeline for the next quarter</li></ul>   |                          |

### EDUCATION

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|---|---------------------------|
| <b>University of Washington, Michael G. Foster School of Business</b>   | <b>Seattle, WA</b>        |
| Master of Science in Information Systems, GPA: 3.96/4.0 (Class Valedictorian)   | June 2022 – June 2023     |
| <i>Relevant Coursework: Information Security, Security Policy and Governance, Cloud Computing</i>                     |                           |
| <b>Birla Institute of Technology and Sciences (BITS) Pilani University</b>  | <b>Hyderabad, India</b>   |
| Bachelor of Engineering in Electronics and Communication  | August 2017 – August 2021 |
| <i>Relevant Coursework: Business Data Analysis, Machine Learning, Data Mining, Database Systems, Data Warehousing</i> |                           |

### SKILLS

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- Areas:** Data Analytics, Data Governance, Data Visualization, Machine Learning, Business Intelligence, Data Transformation, Data Modeling, Agile Methodologies, Human-Computer Interaction, Information Security,
  - Tools:** Tableau, Power BI, MS Excel, Azure Purview, Metabase, ELK Stack, RethinkDB, Figma, LINUX, AWS
  - Programming Languages:** SQL, Python (Pandas, Numpy, Matplotlib, Scikit-Learn), R (Dplyr, Ggplot2, Caret)
  - Certifications:** [AWS Cloud Practitioner](#), [\(ISC\)<sup>2</sup> Certified in Cybersecurity \(CC\)](#), [Google Cybersecurity Certificate](#)

### ACADEMIC PROJECTS

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| <b>Predictive Modeling on Airbnb Listing Prices</b>  |
| <ul style="list-style-type: none"><li>Analyzed Airbnb listing data to predict the price of a new Airbnb listing based on factors such as location and amenities and performed <b>statistical analysis</b> to suggest property improvements to increase hosts' revenue</li><li>Implemented <b>machine learning</b> algorithms in R, including <b>regression analysis</b> and random forests, and achieved an RMSE value of 0.75 when predicting the price – <a href="#">Project Summary</a></li></ul> |
| <b>Database Design for an Airlines Company</b>   |
| <ul style="list-style-type: none"><li>Designed an efficient and scalable <b>relational database</b> using <b>SQL queries</b> for an airline considering their business operations and the intricacies of air travel, with 15 different tables and over 50 fields – <a href="#">Project Summary</a></li></ul>   |
| <b>Other Projects on Portfolio website:</b> <a href="https://ankitha-venkata.github.io/">https://ankitha-venkata.github.io/</a>  |

### VOLUNTEER EXPERIENCE & EXTRACURRICULARS

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|--|------------------------------|
| <b>Girl Up Amara, Head of Publicity</b>  | <b>Aug 2020 – Aug 2021</b>   |
| Led a team of 15 people in a United Nations Initiative to raise awareness on issues through outreach campaigns |                              |
| <b>BITSMUN Hyderabad, Head of Professional Events</b>  | <b>June 2019 – June 2020</b> |
| Spearheaded a new initiative to organize a large-scale event for an audience of over 500 people                |                              |